

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107128.D
 Acq On : 5 Jul 2018 15:51
 Operator : JU/SJ
 Sample : J3853-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6

Manual Integrations
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Sohil
 7/6/2018 8:45:16 AM

Quant Time: Jul 05 16:34:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57026	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	211651	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	98191	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	161382	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	151983	20.00	ng	-0.02
86) Perylene-d12	15.69	264	136586	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	348393	103.45	ng	0.00
7) Phenol-d6	6.60	99	432263	102.78	ng	-0.02
23) Nitrobenzene-d5	7.51	82	267352	70.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	113058	99.34	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	467388	79.64	ng	-0.02
78) Terphenyl-d14	13.07	244	388942	61.99	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.25	128	22618	2.286	ng	99
37) 2-Methylnaphthalene	8.95	142	22840	3.482	ng	97
49) Dimethylphthalate	9.70	163	96822	13.147	ng	# 98
70) Phenanthrene	11.51	178	42456	5.454	ng	98
74) Fluoranthene	12.71	202	32230	3.757	ng	97
77) Pyrene	12.94	202	26362	2.630	ng	98
82) Chrysene	14.17	228	22278	2.614	ng	# 95
87) Benzo(b)fluoranthene	15.23	252	23787m	2.804	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

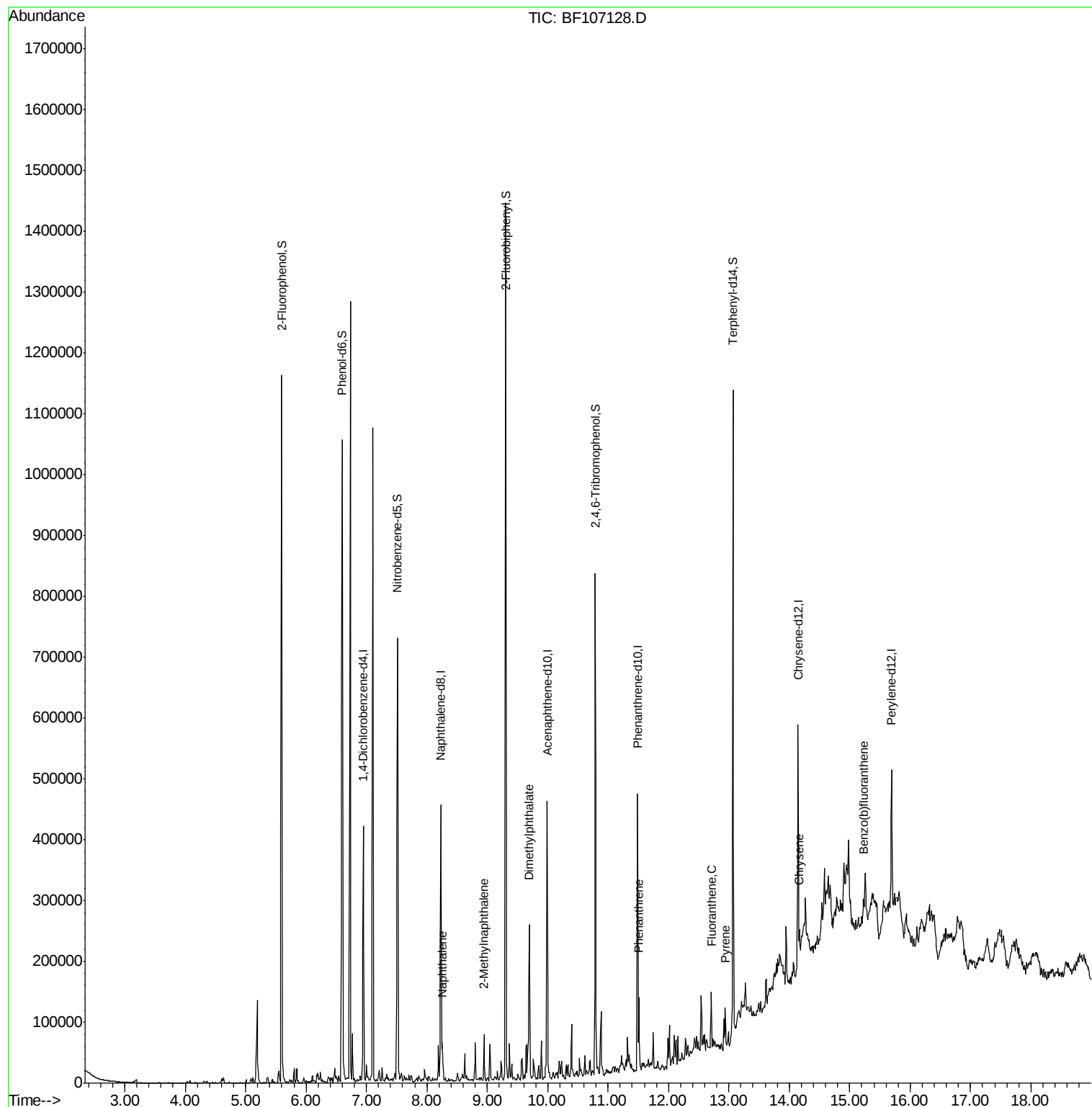
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107128.D
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Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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B-6

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#1

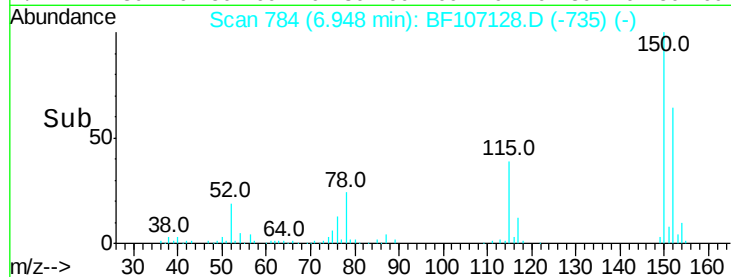
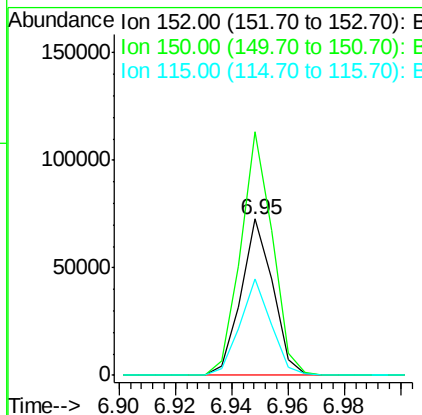
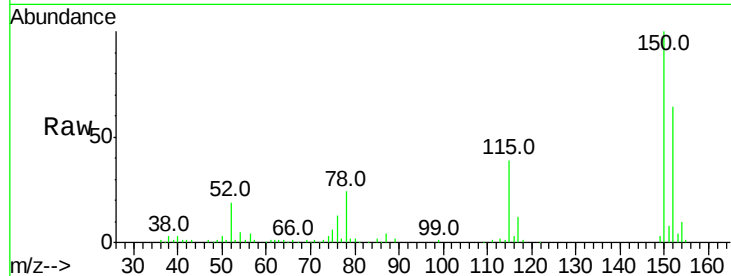
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Instrument :
BNA_F
ClientSampled :
B-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	61.4	50.1	75.1

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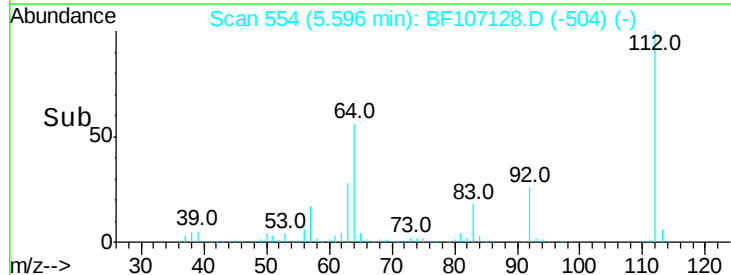
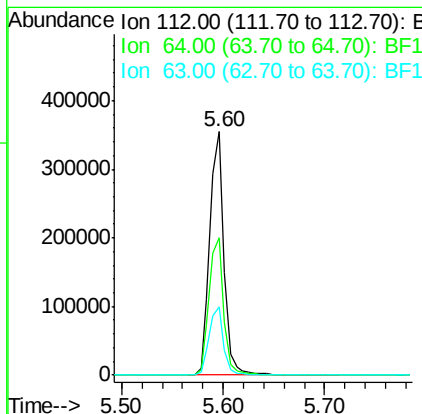
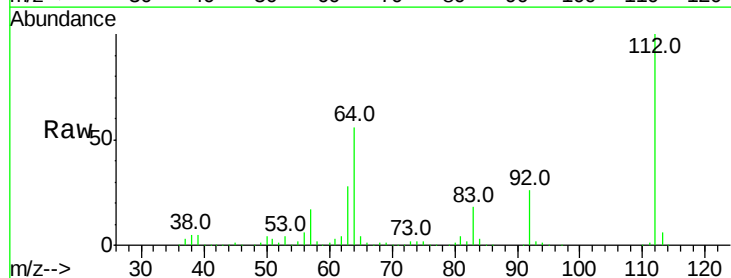
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#5

2-Fluorophenol
Concen: 103.451 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.0	23.7	35.5





#7

Phenol-d6

Concen: 102.782 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107128.D

Acq: 5 Jul 2018 15:51

Instrument :

BNA_F

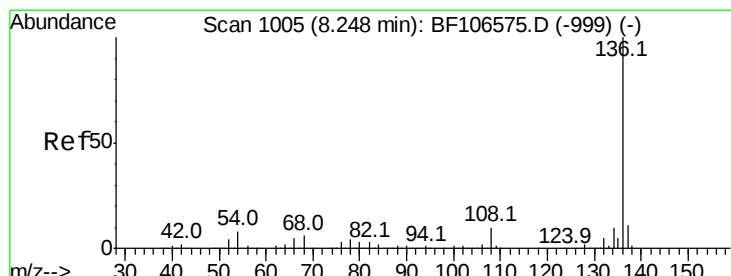
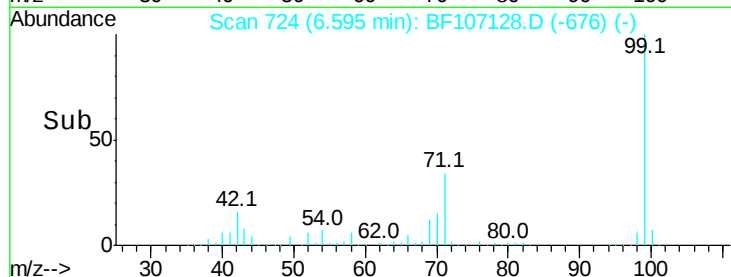
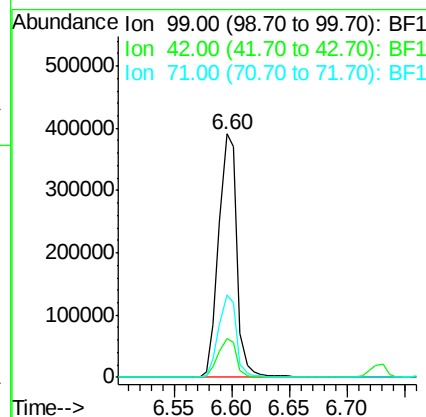
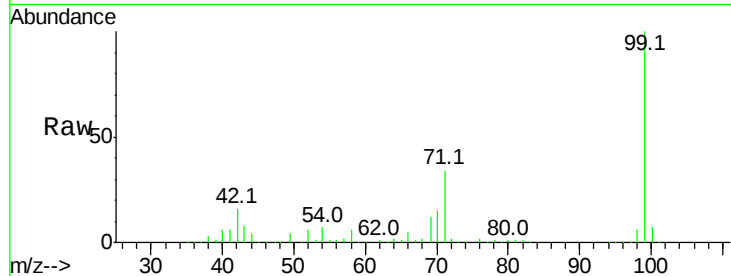
ClientSampled :

B-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		432263		
42	16.2	14.5	21.7		
71	33.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

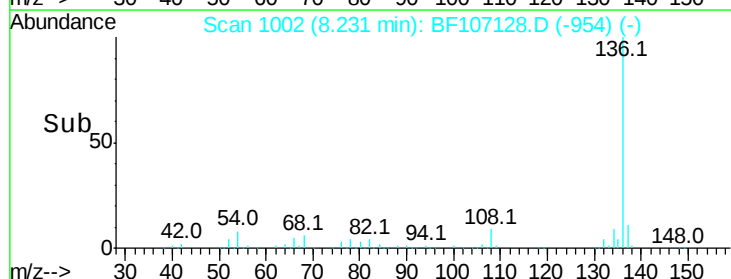
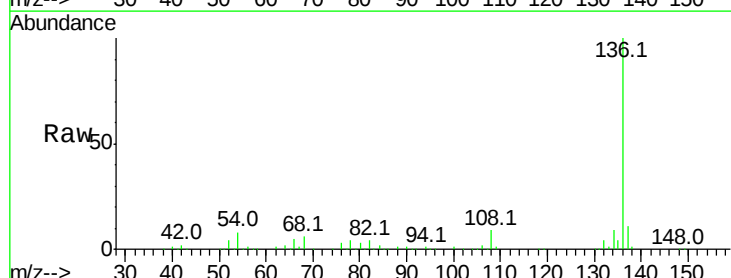
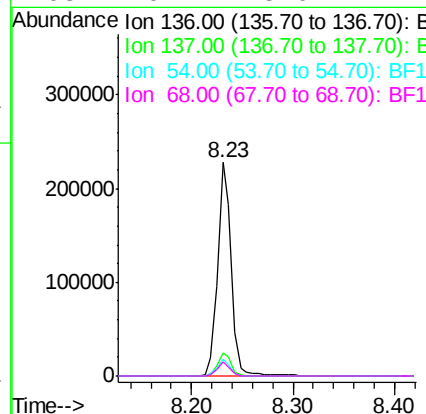
RT: 8.23 min Scan# 1002

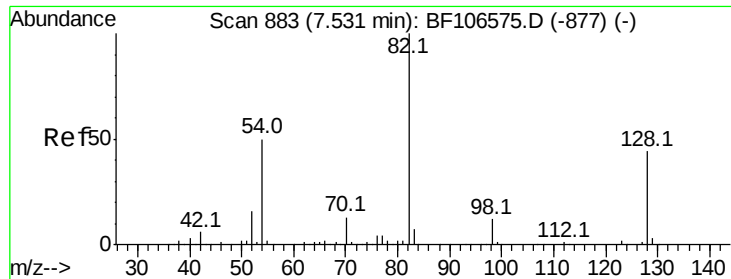
Delta R.T. -0.02 min

Lab File: BF107128.D

Acq: 5 Jul 2018 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		211651		
137	10.8	8.9	13.3		
54	7.9	6.6	9.8		
68	6.4	5.0	7.4		





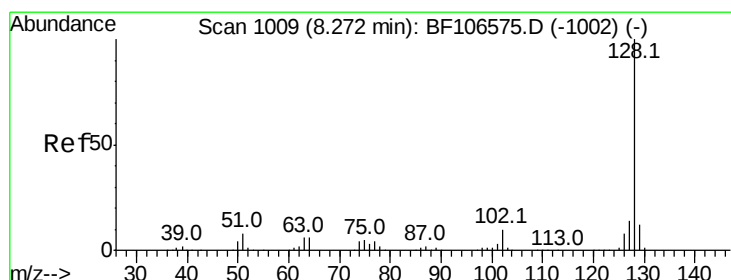
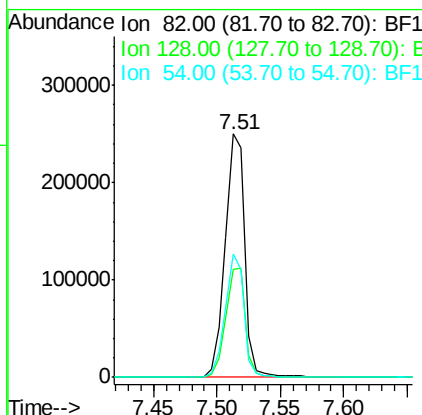
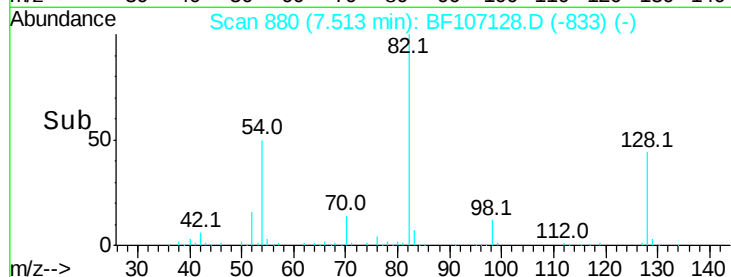
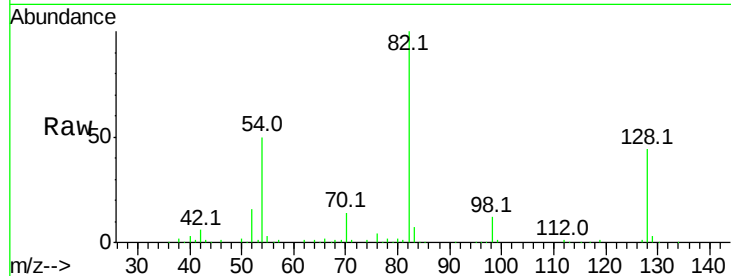
#23
Nitrobenzene-d5
Concen: 70.199 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Instrument :
BNA_F
ClientSampled :
B-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	267352		
128	44.1	36.1	54.1	
54	50.4	41.4	62.2	

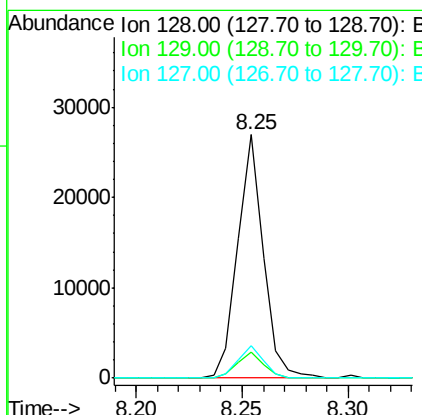
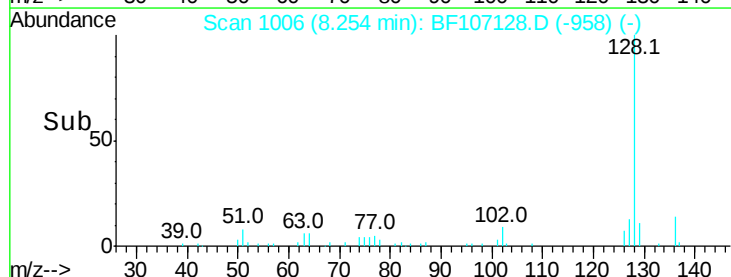
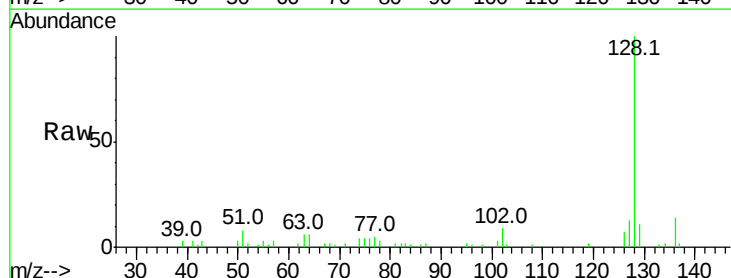
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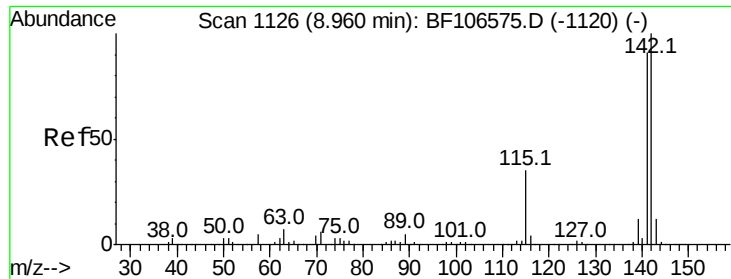
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#31
Naphthalene
Concen: 2.286 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	22618		
129	10.7	8.8	13.2	
127	13.3	10.9	16.3	





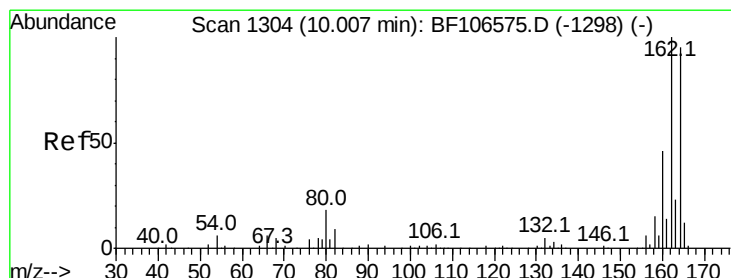
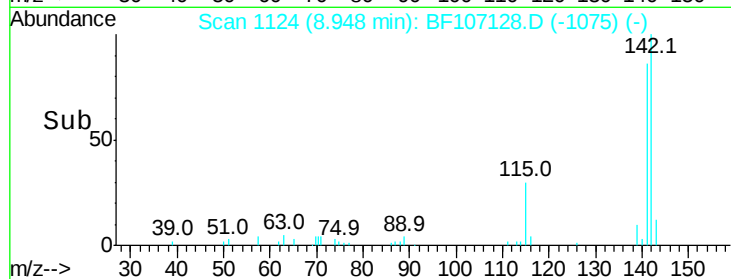
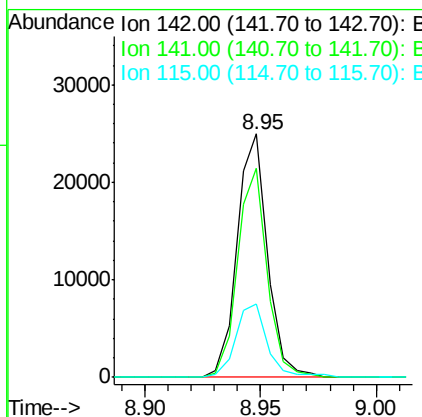
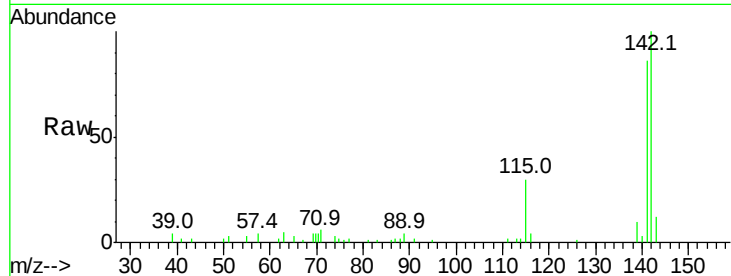
#37
2-Methylnaphthalene
Concen: 3.482 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Instrument :
BNA_F
ClientSampled :
B-6

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.8	106.2
115	30.1	26.1	39.1

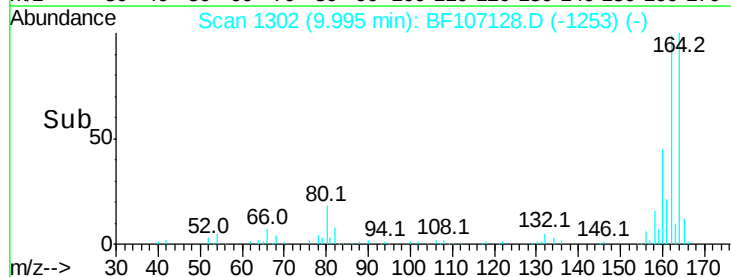
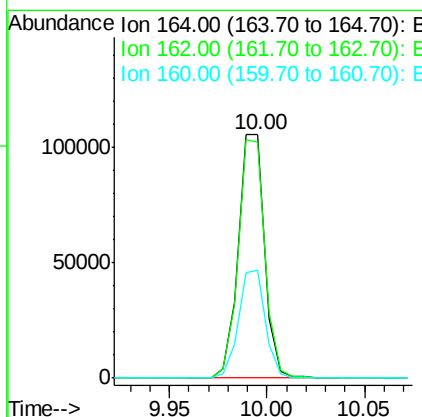
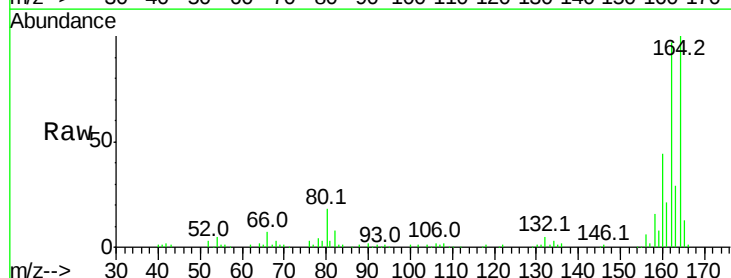
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	86.1	129.1
160	44.3	38.3	57.5





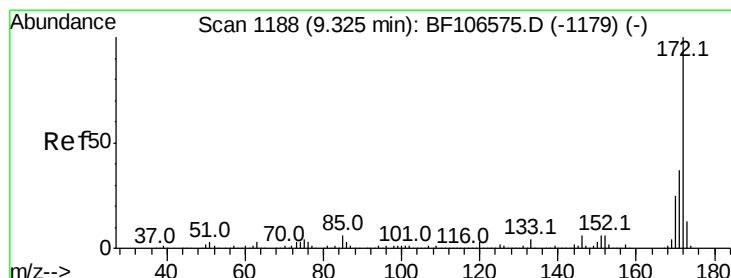
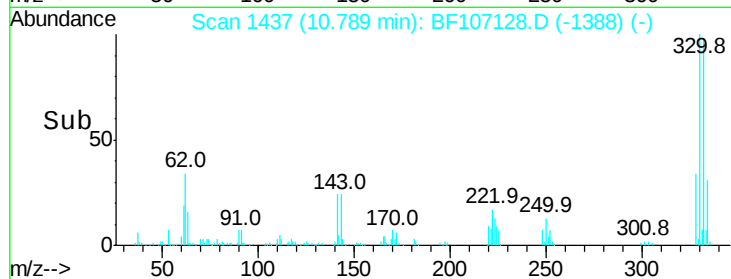
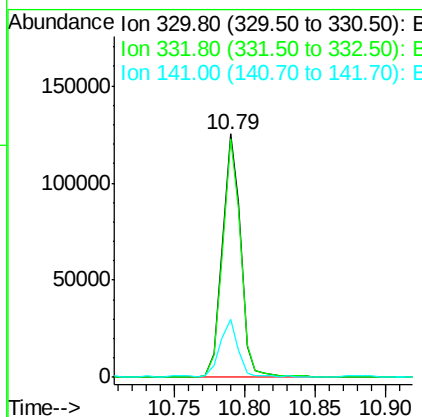
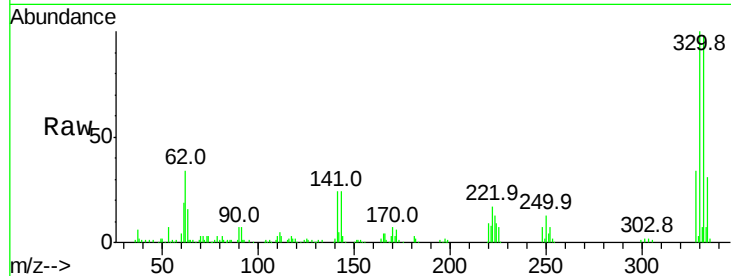
#41
 2,4,6-Tribromophenol
 Concen: 99.343 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107128.D
 Acq: 5 Jul 2018 15:51

Instrument :
 BNA_F
 ClientSampled :
 B-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	23.8	29.9	44.9	

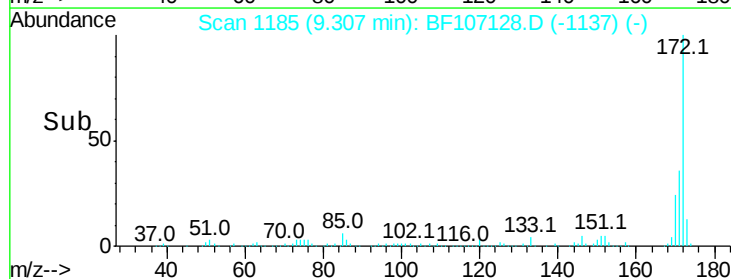
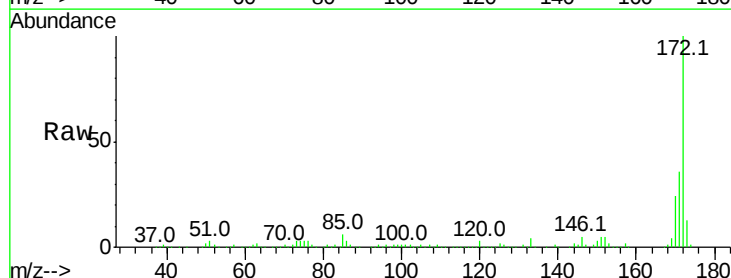
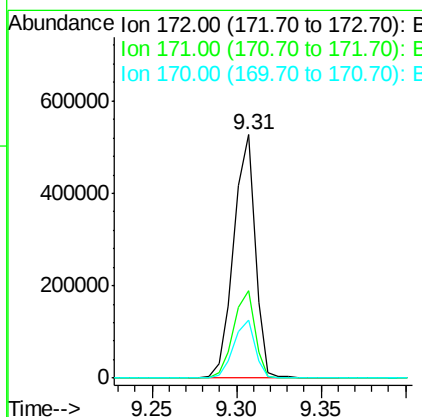
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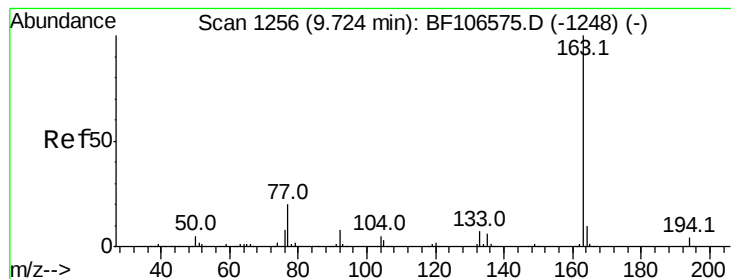
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#44
 2-Fluorobiphenyl
 Concen: 79.638 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107128.D
 Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.0	19.6	29.4	





#49

Dimethylphthalate

Concen: 13.147 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107128.D

Acq: 5 Jul 2018 15:51

Instrument :

BNA_F

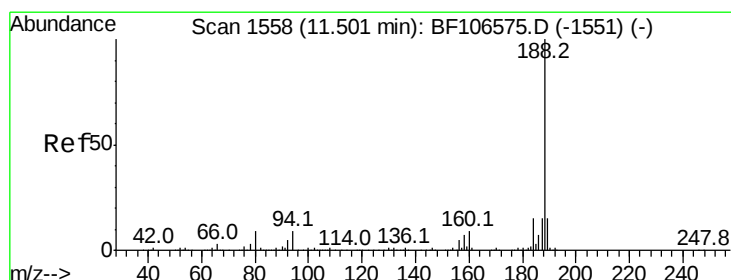
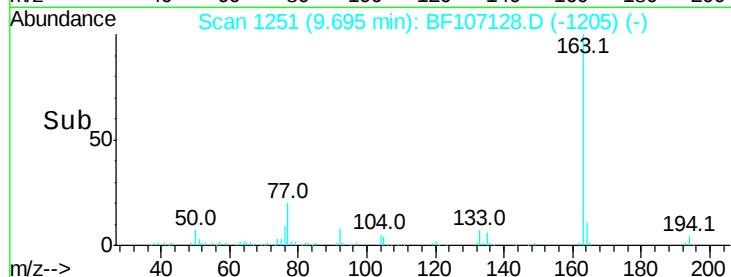
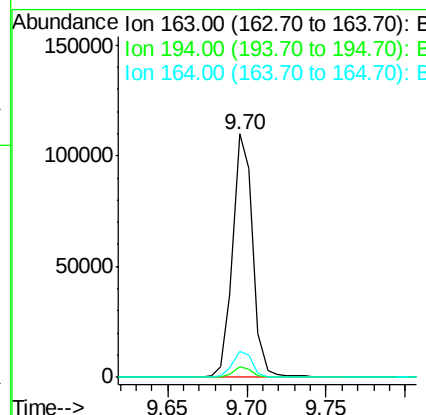
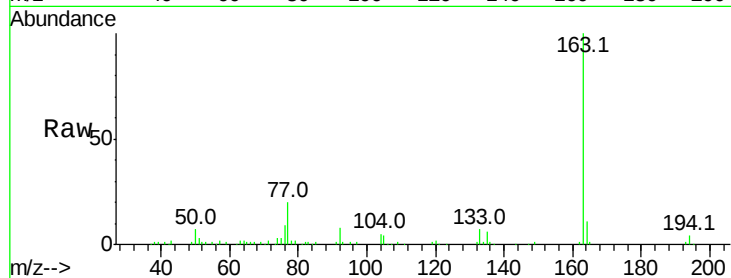
ClientSampleId :

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Tot Ion:	163	Resp:	96822
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	10.8	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

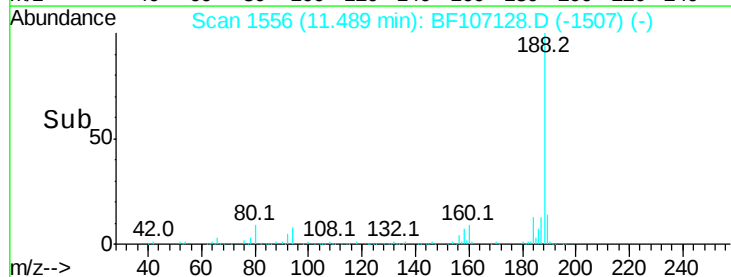
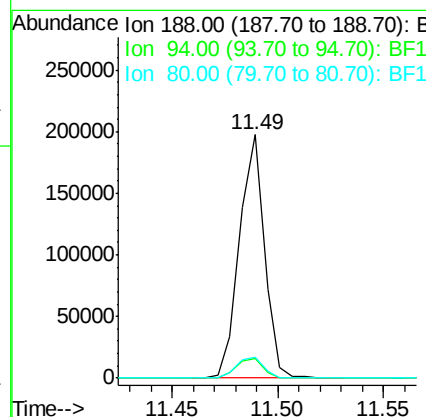
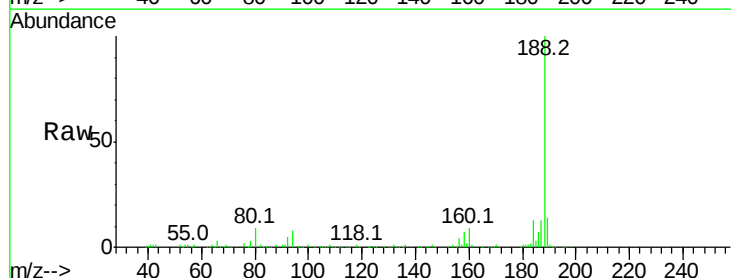
RT: 11.49 min Scan# 1556

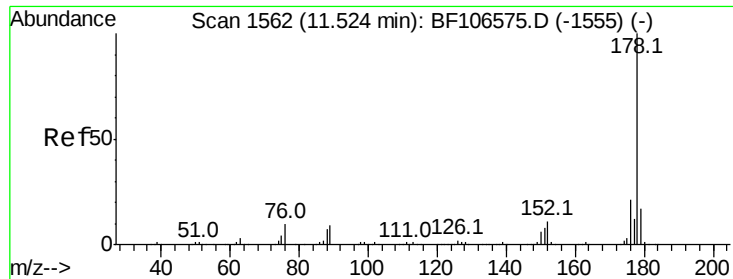
Delta R.T. -0.01 min

Lab File: BF107128.D

Acq: 5 Jul 2018 15:51

Tgt Ion:	188	Resp:	161382
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.5	12.7#
80	8.5	9.2	13.8#





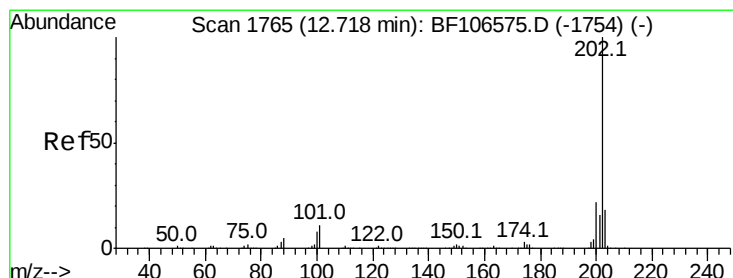
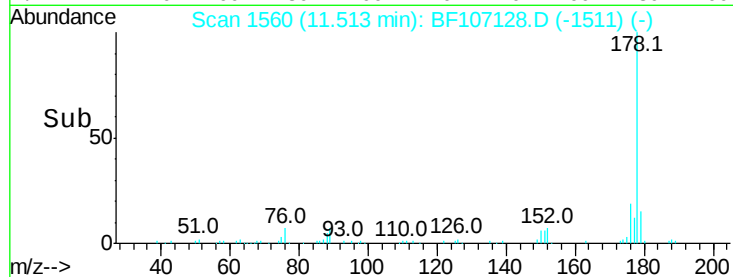
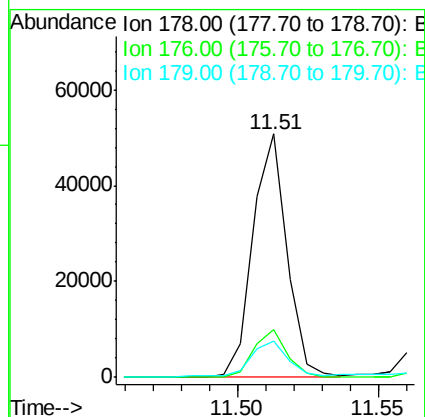
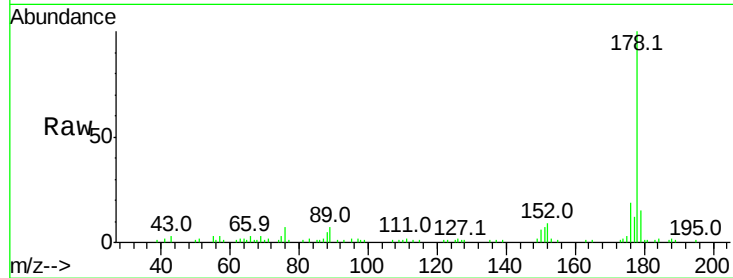
#70
Phenanthrene
Concen: 5.454 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	13.0	19.6

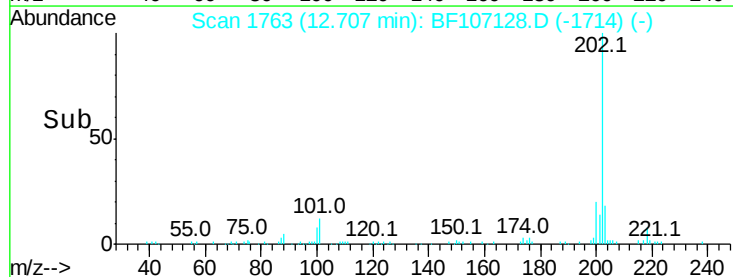
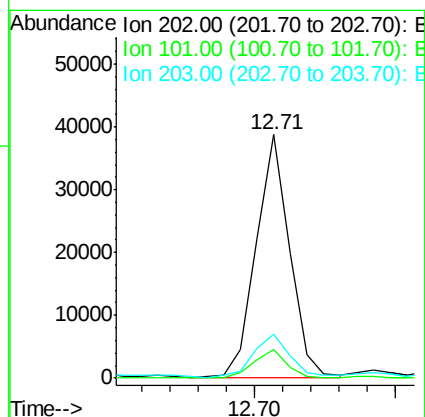
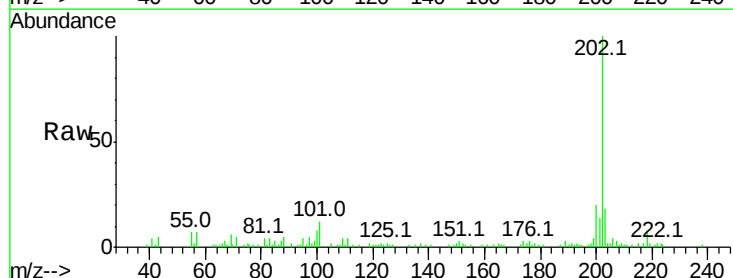
Manual Integrations
APPROVED

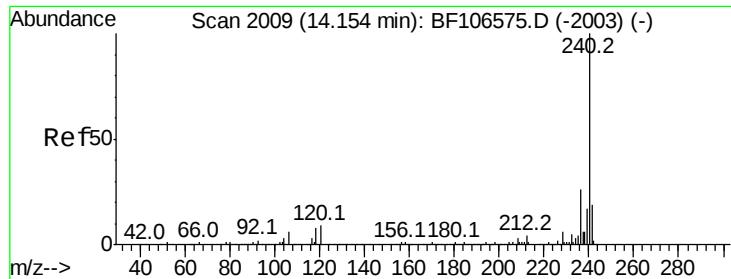
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#74
Fluoranthene
Concen: 3.757 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107128.D

Acq: 5 Jul 2018 15:51

Instrument :

BNA_F

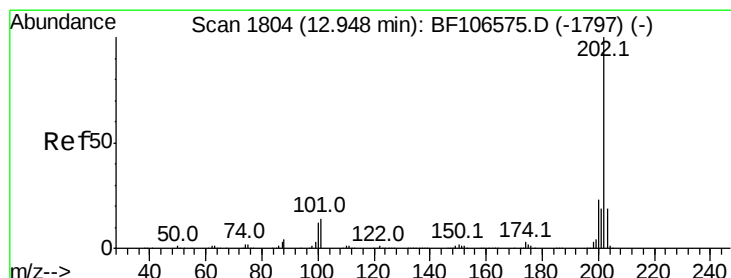
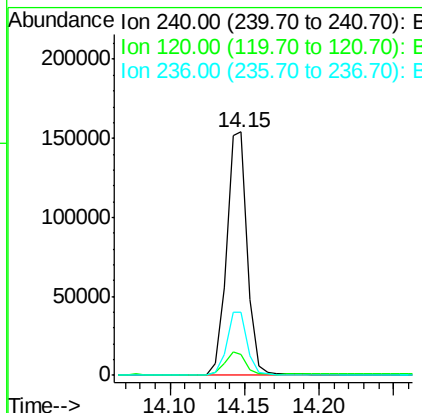
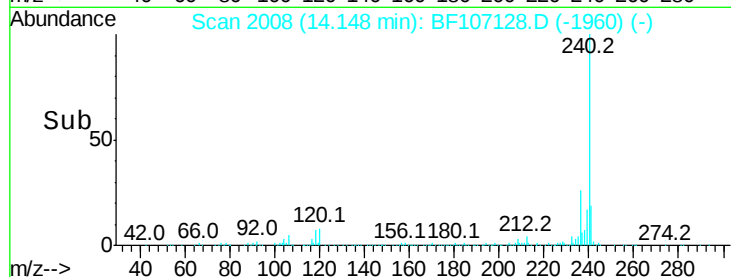
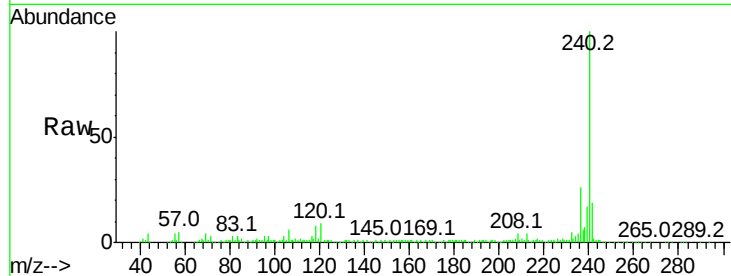
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.6	9.5	14.3	
236	26.1	20.7	31.1	

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#77

Pyrene

Concen: 2.630 ng

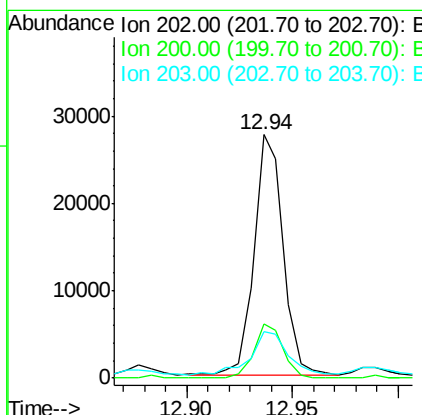
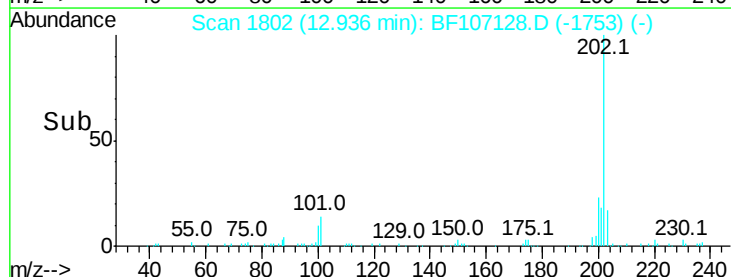
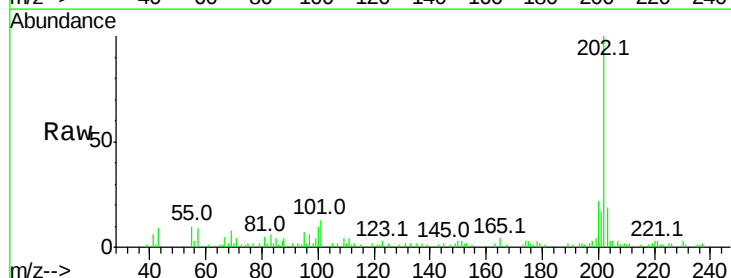
RT: 12.94 min Scan# 1802

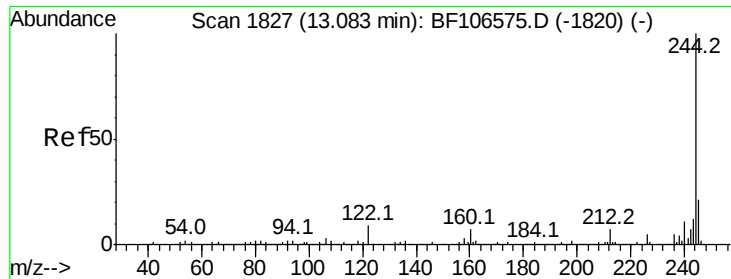
Delta R.T. -0.01 min

Lab File: BF107128.D

Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.4	17.4	26.2	
203	19.0	14.3	21.5	





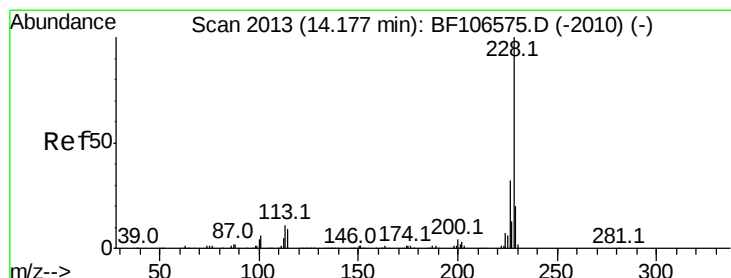
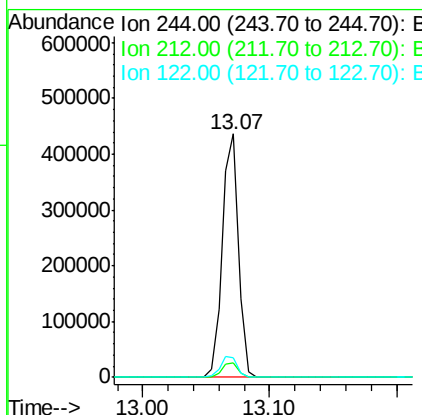
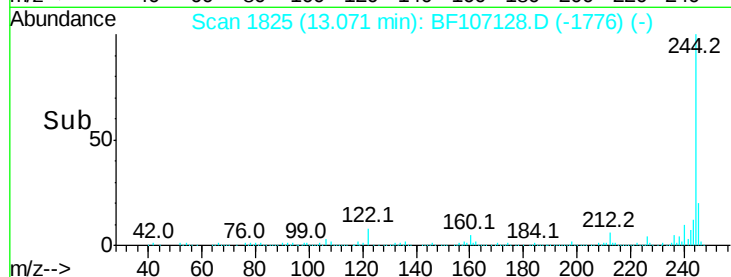
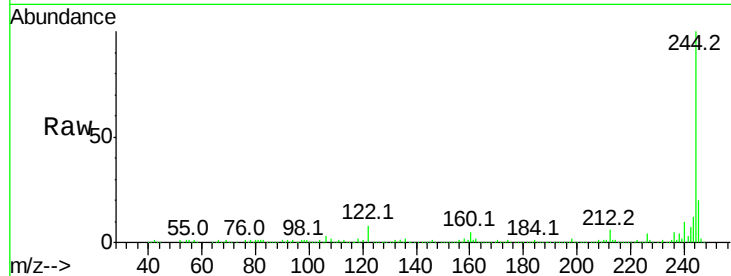
#78
 Terphenyl-d14
 Concen: 61.989 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107128.D
 Acq: 5 Jul 2018 15:51

Instrument :
 BNA_F
 ClientSampled :
 B-6

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.2	5.4	8.0	
122	7.9	11.0	16.4	

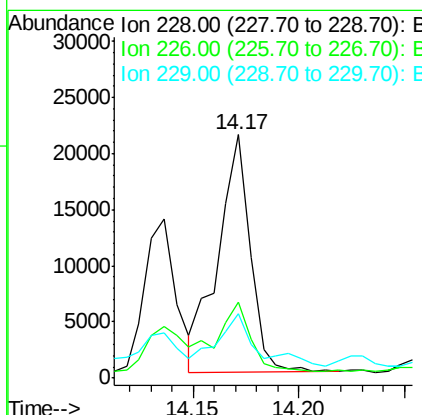
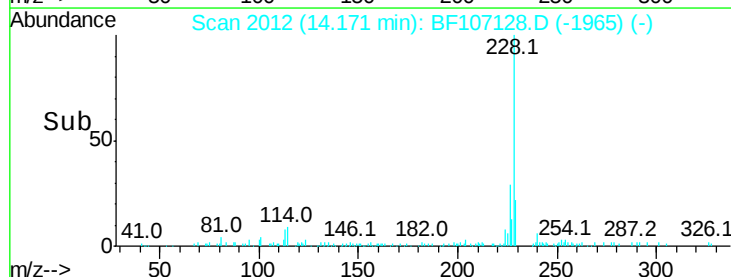
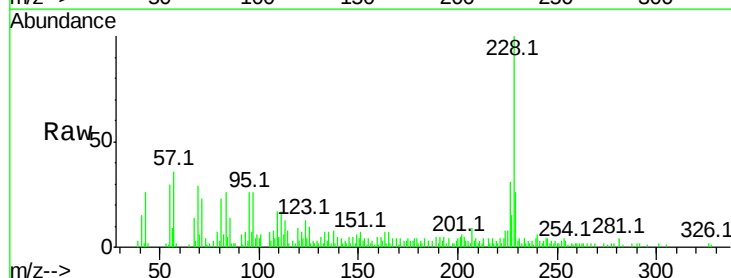
Manual Integrations
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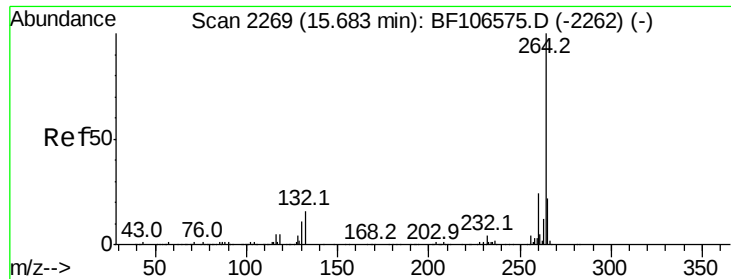
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#82
 Chrysene
 Concen: 2.614 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107128.D
 Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.1	25.0	37.6	
229	26.4	16.2	24.4	





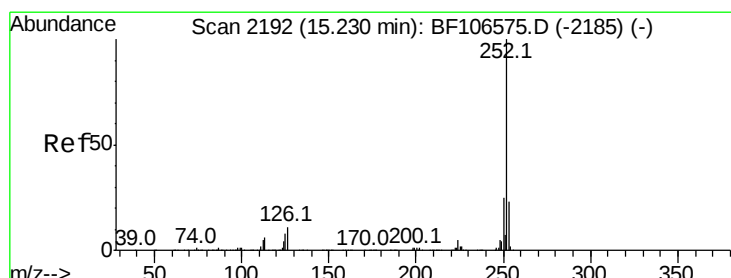
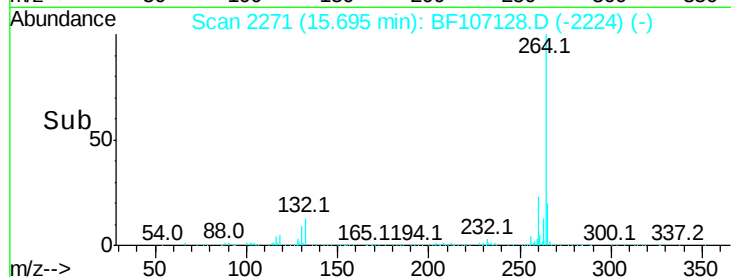
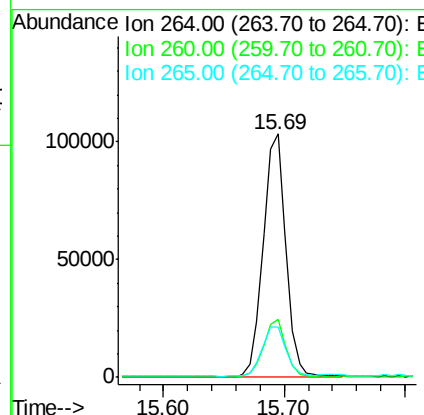
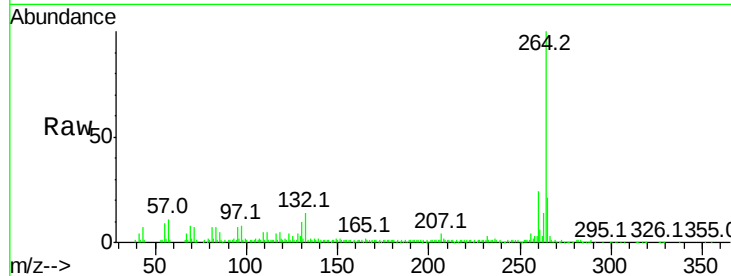
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Instrument :
BNA_F
ClientSampleId :
B-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.804 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107128.D
Acq: 5 Jul 2018 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	27.0	9.0	13.6#

